

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**August**

**2009**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**September 21, 2009**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

During the month of August, the number of days where high temperatures reached 100 degrees or more was observed eight times at Abilene, 11 times at San Angelo and nine times at Junction. Scattered rainfall occurred across the hydrologic service area (HSA), but generally most areas received below normal amounts for the month. The estimated monthly total rainfall and monthly percent of normal rainfall images are shown at the end of this report. During August, the U.S. Drought Monitor depicted moderate to severe drought conditions across eastern portions of the Big Country and abnormally dry conditions across much of the remainder of the HSA. A few areas across the Heartland showed improvements with scattered rain showers that brought localized heavy rain.

The average precipitation reported from coop observers in August was 1.00 inch. The highest monthly precipitation total of 3.24 inches was reported in Shackelford County. Coop observers in Brown, San Saba and Shackelford Counties received over 3.00 inches of rain in August.

The San Angelo Regional Airport received 1.89 inches of precipitation during August, which was 0.16 of an inch below normal for the month. The monthly normal rainfall for San Angelo in August is 2.05 inches.

The Abilene Regional Airport received 1.25 inches of precipitation during August, which was 1.38 inches below normal for the month. The monthly normal rainfall for Abilene in August is 2.63 inches.

Junction received 0.04 of an inch of rain during August. The estimated average monthly rainfall in August is about 2.75 inches.

**Coop Observer Rainfall Totals for August, 2009:**

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	0.80		Merkel 12SW	0.13
Acton Ranch	0.23		Mertzon 12NNW	1.24
Albany	3.24		Ozona 2	0.10
Anson	0.86		Ozona 22SE	0.21
Ballinger 2NW	0.48		Paint Rock	0.27
Blackwell 6NE	0.53		Putnam	0.56
Brady	0.99		Red Bluff Crossing	3.06
Brownwood	3.20		Robert Lee	1.05
Burkett	0.10		Roscoe	0.07
Coleman	0.78		Rotan	0.26
Concho Park	1.26		San Angelo WFO	2.28
Eden	0.38		San Saba 7NW	1.73
Eldorado	0.08		Santa Anna 12SSE	2.21
Eldorado 10W	0.94		Silver Valley	1.05
Fort Griffin	1.73		Sonora	0.17
Fort McKavett	0.99		Stamford	0.74
Glen Cove 2NE	0.09		Sterling City	1.50
Hamlin	1.19		Taylor Ranch	1.92
Haskell	0.48		Throckmorton 7NE	0.10
Hords Creek	0.38		Water Valley	1.65
Humble Pump	M		Water Valley 11NE	2.00
Junction 4SSW	0.97		Winters 1NE	0.46
Lawn	1.64		Woodson	0.68
London 3N	0.33		(M) <i>Missing data</i>	
Menard	1.94		(T) <i>Trace</i>	

**Reservoir Conditions (end of August, 2009)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	49,470	71
Lake Stamford	52,700	36,800	71
Hubbard Creek Lake	317,800	226,210	71
Hords Creek Lake	8,800	4,080	50
Lake Brownwood	131,428	92,680	71
E.V. Spence	488,760	32,200	6
O.C. Fisher	119,200	4,350	4
O.H. Ivie	554,340	251,300	45
Twin Buttes	177,800	42,220	24

**Hydro Products Issued**

FFW = 2

FLS = 16 (Urban/Small Stream Advisory)

ESF = 1

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for August across the San Angelo HSA is depicted below.

